

REMARKS

The Office Action notes that claims 1-19 are pending in the application and that claims 9-19 are in condition for allowance. The Office Action rejects claims 1-5 and objects to claims 6-8. The rejections and objections are obviated below, and reconsideration of all claims is respectfully requested.

Applicants amend claims 1 and 6. Accordingly, claims 1-19 are pending.

Objections to Claims 6-8

The Office Action objected to claims 6-8 as being dependent upon rejected base claim 1. Claim 7 depends from claim 6 and claim 8 depends from claim 7. Applicants amend claim 6 to include the features of original claim 1 to obviate this objection. Accordingly, withdrawal of this objection to claims 6-8 is respectfully requested.

Rejection Of Claims 1-4 Under 35 U.S.C. §102(b)

The Office Action rejects claims 1-4 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent 5,710,999 issued to Iwase, et al. (hereinafter referred to as "Iwase"). This rejection is respectfully traversed.

It is respectfully submitted that Iwase does not disclose, teach or suggest, at least "a single casing which accommodates the tuner, the RF/demodulator circuit and demodulator, wherein the tuner, IF/demodulator circuit and the modulator are integrally formed in the single casing minimizing noise between signals input to and output from the single casing," as recited in claim 1.

Iwase discloses a radio frequency apparatus having a tuner unit disposed in a tuner unit housing and a demodulation unit disposed in a separate demodulation unit housing. The demodulation unit housing is attached to or removed from the tuner unit housing by a connecting device as shown in Figures 1, 18A, 18B and 19.

In contrast, Applicants amend claim 1 to clarify that a tuner block comprises a tuner, IF/demodulator circuit and modulator that are integrally formed in a single casing minimizing noise and interference between signals input to an output from the single casing.

Instead, Iwase is directed toward a tuner unit which can be connected to plural kinds of demodulation units and vice versa. Iwase is not directed toward minimizing noise and interference between signals input to an output from a casing by integrally forming a tuner, IF demodulator circuit and a modulator in a single casing. Therefore, for at least the above

reasons, it is respectfully submitted that claim 1 patentably distinguishes over the cited reference.

Claims 2-4 depend from claim 1 and include all of the features of that claim plus additional features which are not taught or suggested by the cited reference. Therefore, for at least these reasons, it is respectfully submitted that claims 2-4 also patentably distinguish over the cited reference.

Rejection of Claim 5 Under 35 U.S.C. §103

Claim 5 was rejected under 35 U.S.C. §103(a) as being unpatentable over Iwase in view of U.S. Patent 5,915,068 to Levine. Levine does not cure the deficiencies of Iwase.

Iwase and Levine, taken separately or in combination do not disclose, teach or suggest, at least "a single casing which accommodates the tuner, the RF/demodulator circuit and demodulator, wherein the tuner, IF/demodulator circuit and the modulator are integrally formed in the single casing minimizing noise between signals input to and output from the single casing," as recited in claim 1 from which claim 5 depends. Instead, Levine only teaches a controller 26 (tuner) separate from a modulator 36 as shown in Figure 2 and disclosed in col. 2, lines 42-57 and col. 4, lines 20-48.

Claim 5 depends from claim 1 and includes all of the features of that claim plus additional features which are not taught or suggested by the cited reference. Therefore, for at least these reasons, it is respectfully submitted that claim 5 also patentably distinguishes over the cited references. Accordingly, withdrawal of the rejection of claim 5 is respectfully requested.

Summary

Claims 1-19 are pending and under consideration. It is respectfully submitted that none of the references taken alone or in combination disclose the present claimed invention.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

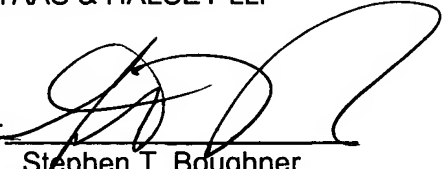
Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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